

November 3, 2003

**Healdsburg Airport  
1500 Lytton Springs Road,  
Healdsburg, CA  
Case No. 1NSO755**

**Notice of No Further Action related to Petroleum Discharges:**  
Comment Period ends December 3, 2003

**Problem Description:**

On April 5, 2000 two 12,000 gallon underground fuel storage tanks and associated piping were removed from the site. Soil and groundwater sampling indicated that petroleum hydrocarbons as aviation gas was released to the subsurface. A water sample collected from the tank pit detected total petroleum hydrocarbons as aviation gasoline at 1, 100 parts per billion (ppb). Impacted soil was excavated from the area surrounding the tanks and removed from the site.

**Environmental Investigation:**

Prior to removal of the tanks in 1989 a 15-foot observation well was installed on the southwest side of the tanks. No petroleum hydrocarbons were detected in soil samples collected during the drilling of this well. At the time this well was installed no groundwater was encountered.

In 2001, at the request of the NCRWQCB a soil and groundwater investigation was conducted around the former tank excavation. Soil was sampled from four locations and analyses showed no detections of any petroleum hydrocarbon constituents, including aviation gas, benzene or methyl tertiary butyl ether (MTBE). Groundwater was not encountered in any of the borings, to a maximum depth of 45 foot.

During the investigation however, water was found to be present in the 15-foot observation well. This water may have been from surface runoff that had collected in the tank backfill. The shallow well was probably installed in the more porous tank backfill material. Water in the observation well was sampled and no petroleum hydrocarbons or related products were detected.

In this area groundwater is generally encountered at depths exceeding 100 feet. The depth of groundwater in the on-site domestic well, located 165 feet to the south of the tank excavation, was 124.5 feet below ground surface. Groundwater sampled from the domestic well did not detect any petroleum hydrocarbons or other related products.

**MTBE Status:**

Groundwater was analyzed for MTBE and not detected above the laboratory reporting limits.

This case will be closed without further notice unless significant public comment is received prior to November 31, 2003. Please contact Beth Lamb at (707) 576-2669 if you have any questions.